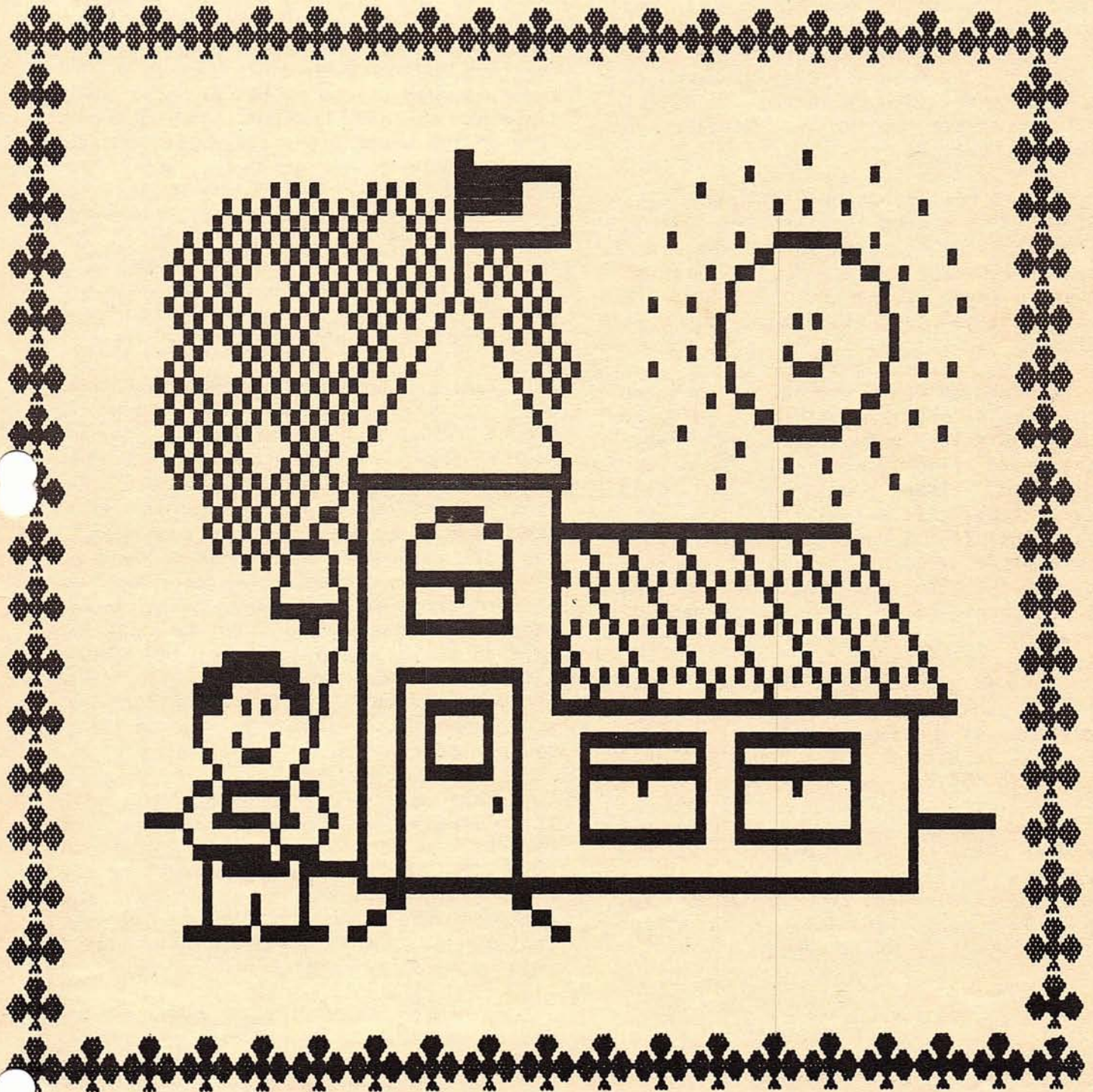


September 1987
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M.A.C.E. JOURNAL

"Devoted Exclusively To The Atari Computer User"



Published by the Michigan Atari Computer Enthusiasts

FROM YOUR PRESIDENT

By Tom Sturza

"ST or not to ST", that seems to be the question many people are now asking, especially when it comes to BBSystems. Since M.A.C.E. is one of the largest and longest established Atari groups, it has been suggested to the Officers that one of the M.A.C.E. Bulletin Board Systems be run on an Atari ST computer. M.A.C.E. should continue to be a leader in telecommunications.

It has been proposed that M.A.C.E. WEST would be a good location for this ST Board. This board has been in the same location for many years and the telephone number is known nationwide. This number is also a local call for many M.A.C.E. members.

The system would provide support for both lines of Atari machines. Software is available that both 8-bit and 16-bit users would find simple to learn and understand. There would be no baud restrictions, just a time limit for each call. Cost to set up this system could be minimized by using equipment already owned by the club, and possibly selling off equipment that would no longer be needed.

What do you think? Please let your thoughts be known (Tell an officer at the general meeting, leave a message on the BBS, leave a note in the suggestion box or mail to the P.O. Box).

Once again, I would like to remind everyone that the M.A.C.E. Officer Elections will be held during next month's General Meeting, September 15, 1987. It's not too late to run for office! M.A.C.E. NEEDS YOU!!

FROM THE DESK OF YOUR EDITOR

R.Charles Sibthorpe

Well, another year has come and gone. With the passing of yet another year, MACE has again endured to survive, but we would not have without **YOUR** participation and support. It has always been the General Membership that has made any clup what is and will be. At the September General Meeting, the current term of the present officers will come to an end. It will be time to "pass the Baton" and elect new officers to the positions being vacated by the current administration. It is now "time to do your part" and run for either President, Vice-President, Treasurer or any one of the nine positions available. Good luck and may the best qualified person win.

Taking a look back on the "Year that was" we started with the "missing Journals" and I have attempted to do my best to provide the kind of Journal you have come to expect. Chris Samuels has done a excellent job planning each meeting with an active agenda each month. Don neff completely re-organized the disk library and as a result the sales are up and new material is being added every month. Jim Kennedy has kept us up to date on new products for both the 8-bit and 16-bit computers with his "New Products" column. Tom Sturza has done an excellent job managing and running MACE as President.

What is apparent here is that all the officers did their jobs to the best of their abilities. We were going to Host TARICON II, and we were really looking forward to it too, but the officers were forced to make a business decision to cancel, and I am still glad that we made that decision.

Remember, this is your club, run by people you elect. To para-phrase John F. Kennedy "ask not what your Club can do for you, ask what you can do for your Club." See you at the elections.



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Bring the disk to the monthly General Meeting or send to it to: MACE PO Box 2785, Southfield, Mi. 48037 Attn: Disk Librarian.

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Upload to any MACE BBS or send to the MACE Post Office Box Address. Journal Submissions should include text and program listings on disk and hardcopy. Submissions will be returned if stamped self-addressed mailer is supplied and will be handled with reasonable care. However, publisher assumes no responsibility for return or safety of artwork, photographs, or manuscripts.

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September 1987
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MACE JOURNAL

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A VISIT TO SECTION 001.64

by Gordon Totty, "Ph.I."

Recently I visited the Dunning-Hough Public Library in Plymouth, Michigan. Sounds so far away, doesn't it east-siders? While there, my feet led me astray to good old Dewey decimal section 001.64. "Oh, no!" cried my wife, "He's in section 001.64 again! Will it never end?" The latter interrogatory was breathed in a prayerful voice, with eyes rolled skyward. (As Andy Rooney might want to say at this point, "Did you ever notice that only in books do people cry out, cry aloud, cry to others, cry, cry, cry ... and there are never any sobs or tears? Huh? Did you, for crying out loud?") The kids cried. Real tears. Dad, the addict, was loose in section 001.64 of the Dunning-Hough Public Library again!! Yes, by now you have guessed it: the dreaded computer book section.

I love it! The only thing more fun than "playing" with a computer is shopping in a computer store. "Playing" is my wife's word for this activity, and I'm so darn serious about it I cannot fathom why she calls it playing. Do you think she's being derogatory? Next, in order after playing, comes reading about computers, peripherals, and software. Then MACE meetings (sorry, I'm just not a social animal like you other computer types). Within the reading category, free reading sometimes beats buying books. And for free reading, I go to section 001.64. Do you suppose it is the same section in all libraries? Or does each get to "personalize" their Dewey decimals, somewhat? You find out; I don't care.

Oh, in case the bride reads this, let me state that some other stuff is fun, too. But at my age, the second thing to go is gone and I am unable to remember what that stuff is. Or was. There must have been something, though. I think.

So, at last, I have read The

Personal Computer Book, by Peter A. McWilliams. If this were a book report I'd have to tell you who published this thing and all that other stuff from high school; however, in loving memory of my teachers I won't! Well, one or two things: (1) The ISBN is 345 31106-X (Take that, Miss Horsebreath! ISBNs weren't even invented in MCMLII. In fact, computers probably led to the use of ISBNs, whatever they are.) (2) I read the second edition, printed in January, 1983; copyright 1982. I think you should know that. It's important.

If Mr. McWilliams had written an English grammar book it could be copyrighted in 1942, or maybe MCDXCII, and still be about 98% relevant. At least to me, as I still insist "data" is plural, not plural or singular as you may wish. But it is a book about computers, and it was very interesting to note that the entire 67 page section titled "A Name-Brand Buying Guide" is hopelessly out of date. It opens with the Timex-Sinclair, for Pete's sake. Or for any other reader's.

A trip to a book store enabled me to learn that a later, revised edition exists. I could learn this because books, as software, are better than disks, as software, in this regard: you can peek (or even poke) into a book without first having to buy it under a "no return" policy. Ain't books marvellous? Some are even floppy. This revised edition was dated, if I remember correctly, and I seldom do, 1983. Or was it 1984? One or the other for sure!

Nevertheless (whew, that was a long one - four "e"s and no other vowels), I am writing to PRAISE this book, not to pan it. The author did an amazingly good job. The book, and its clever, humorous, illustrations from the Dover Pictorial Archives Series, held my attention throughout. I even enjoyed reading the opinions of the antique equipment from

five years ago.

The out of date stuff rammed home the near speed of light changes in computing. And major kilobytes of the materials are not out of date at all, but present excellent advice to anyone, particularly newcomers.

Humor, which is very important to me in almost everything ("C'mon Doc, don't just tell me I'm a goner; make me laugh!"), is evident on almost every single page. I particularly enjoyed McWilliams' story about his experience with "Ollie", the Radio Shack Computer Center salesman. We have all met an Ollie or two, and not necessarily at Radio Shack, who is incapable of answering the simplest question correctly. In fact, the salespeople at Radio Shack that I have dealt with were very capable. Why am I defending the Shack? Do they sell Atari computers now?

Under a picture of a young lady on a stairway beckoning to a gentleman: "Come on up. I'll show you my Atari."

Under a picture of two lovers embracing: "Well, of course I love you. But a personal computer is forever." (I can't remember; was I trying to remember something?)


For those still waiting to buy their first computer, the advice in the chapter on purchasing a home computer is worth the price of the book. Still. Today. In this regard, I just the other day highly recommended this book to my boss. Whoa! Careful, Totty, high stakes. No; no risk at all. Everyone should enjoy and be able to find something beneficial in this outstanding book. Even a boss.

Finally, let me inform you as to the kind of person this McWilliams character is. Where, in all of big time bookdom, have you ever seen an author print his address and offer to send you updates in your SASE, free?!?! OK, so he says send a buck or two if you feel like it; free is still available if you want. Where else has an author ever said that if you send questions he will try to cover them

in the next edition? I know of no where else in bookdom, but I have seen analogous situations in the wonderful world of computing. So, what kind of guy is this McWilliams character? It's obvious. He's a computer guy. And, in my book, a darn good one!

Time to go now. I have to look up my wife ... yes, yes, now I remember ... I AM married! I want to recommend a good book to her. She's around here somewhere. I think.

P.S., or previews of coming attractions. I am also reading, from the 001.64 zone, Computer Wimp, by John Bear, Ph.D. This one looks just as good, and I'll try to review it for the next issue. I might even like Bear as much as I like McWilliams, and I'm impressed by the phancy initials. So impressed am I that I have added initials after my own name. What do mine stand for? Why, Intern of Philosophy, of course. After all, I'm still in training.



MACE


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SEPT. 15, 1987

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WORD WRITER ST, VERSION 2.0-REVIEW

Word Writer ST Evaluation
By: John C. Danielson, II
MACE #2854

Introduction

Word Writer ST is generally a very good program which contains most of the usual features of more expensive programs and offers a flexibility in use which I have not seen offered in any other word processor to date. One example of this flexibility- all keys represented on the screen by "key buttons" actually work! Thus, you can access these key functions by pressing the keyboard combinations indicated, by using the pull-down menus, or by actually left-clicking the mouse on the "button".

File input and output is easily accomplished if you have a one drive system. If you have a two drive system, you must remember to change the path specification for the data access when you first use the program.

Word Writer ST can have up to four files open at any one time. These files shown in overlapping windows, and any one window can be made active by placing the mouse pointer on the chosen window and pressing ALT A.

The editing functions offered by the program are comprehensive, except for the lack of a recovery facility. The flexibility of use makes the features which are present extremely easy to use.

The program offers huge (4-6 PAGE) block moves, copies, and deletes. Single character deletion is available via the backspace (deletes to left) and delete (to right) keys. Paragraphs or the whole document can be reformatted with ease. Two modes of input are available: insert (default mode), and overwrite.

The program has an easy to use outliner, which will make the initial organization of a document such as this simple and fast. If one wishes, the outline can be loaded into the main editing module for development into a full-fledged article.

Word Writer has a dictionary with about 85,000 words. The dictionary is presently expandable, and the program will remember words peculiar to the user's documents. Opportunity to add words to the dictionary is offered whenever the spell checker comes across a new word.

The program now offers a thesaurus which is reasonably complete. The thesaurus is not expandable, but that is unnecessary to the program.

File Input and Output

"Open" works efficiently and reasonably quickly. The program allows movement down through the tree of directories in an organized manner.

Output functions support extremely good flexibility of page design and the process of designing is well thought out. The program makes use of menus which greatly simplify the printing process, and if the installation has been accomplished correctly, the program knows which printer driver to use.

Headings and/or footers may be easily turned on or off, and they may be specified as quadded or centered. Pagination is accomplished as part of headers or footers, or separately.

File output to disk is also easily accomplished from a menu, or by using control keyboard or "quick key" commands.

WORD WRITER ST, VERSION 2.0- REVIEW

The print functions are well organized and written, with a few minor exceptions noted below. The options to print a document from either a file on disk or the current file are worth having and allow for considerable flexibility.

A few things need to be remembered when one gets ready to print. First, the headers and footers need to be set up before the print function is invoked. Second, the page numbering is most easily set up within the headers and footers; we will see why further on. Third, the page layout needs to be set up properly before the print function is called on.

Setting up headers and footers is fairly easy and quick. One can specify centered, left justified, and/or right justified headers and/or footers. The window functions provided are obvious except for one thing-- the page function is invoked by inserting a ^ (SHIFT 6) where the page number is desired. The reason for setting up page numbering within headers and/or footers is simple. By doing this, one does not have to adjust the overall page length to allow for page numbering from the print options menu. As far as the author knows, no mention of the need for adjustment of page length has been made in the manual.

First, the page layout function should be invoked before printing, simply to allow room for headers and footers on the page. Secondly, the file should be checked for misplaced embedding of print commands if the page layout is altered.

The print options menu will appear when ALT P is pressed or the function is invoked from the Print menu. The options can be left alone by merely

pressing RETURN or clicking on the OK box. I merely reset the page starting point, and leave the page numbering option set to the default of OFF. The headers and footers will pick up from the page starting point requested in the Print options window.

Editing- Options

The "Format text" function works well as coded, with the exception that the margin resetting function needs to be examined for possible revision; it functions erratically at times.

The search functions work normally, and are efficient and fairly quick. The optional replacement choice built into the program is well worth having. The "Delete to End" option is nice to have. One can move all extraneous text to the end of the file and then go to the beginning of the "trash" and invoke the option.

Editing; Block Functions

"Set Top" and "Set Bottom" of blocks can be invoked from the menu or from the keyboard via F9. A block may also be created by dragging the mouse with the left button depressed, if the desired block is less than one screen in size. This function works well even for large blocks of several pages or more. Block moves may be accomplished by creating a block, and then placing the cursor at the first position of the destination and then using ALT M to move. The time required is determined by the block size, but is reasonably fast.

Block copies function similarly, in that the block is first created and then the cursor is positioned and ALT C is pressed. This function is used when a single copy is needed. Block deletions

WORD WRITER ST, VERSION 2.0- REVIEW

can be done by defining a block and then pressing the ALT D keys. A window appears to ask for confirmation of the request, and the delete is performed when and if the user clicks on the right choice. Remember that Word Writer ST has no recovery function at this time, and you will see why the confirmation is required.

Cut and paste functions work similarly to the block copy function, except that cut and paste allow for multiple copies. To use these functions, simply define a block of text and then press F8 to cut. The cursor may now be moved to the first destination, after which F8 invokes the paste function.

As long as UNDO has not been pressed and another function has not been accessed, the program will happily repeat the cut and paste in as many places as you wish. Simply move the cursor to the new destination and press F8 again.

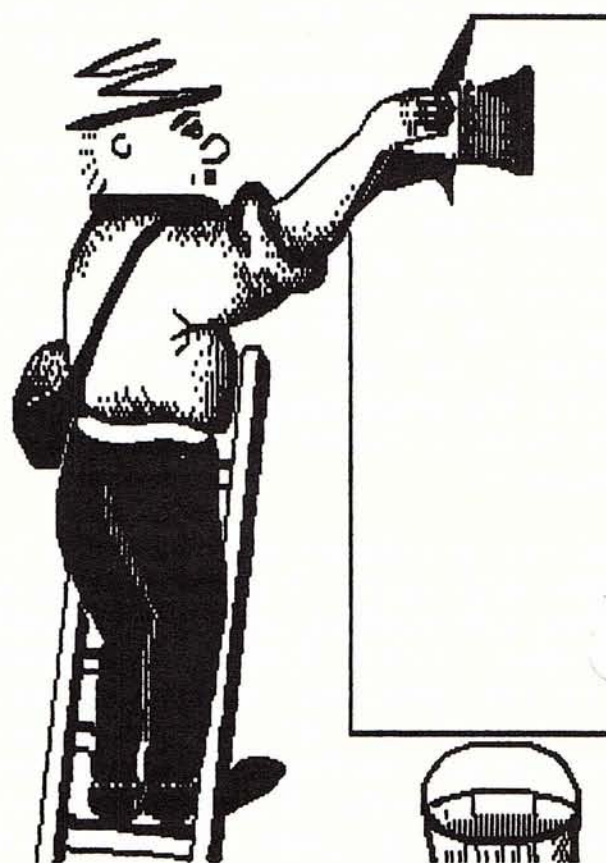
The only limitation to the size of copies appears to be memory requirements. In practical terms, the program will allow blocks to be copied to be up to four to six pages in length. These functions are reasonably fast and efficient.

Generally, the block functions perform as they should. The one additional feature that would be worthwhile is a recovery buffer for use with the delete function. This addition would have saved me some retyping as I learned the program's individual operating characteristics.

Summary and Conclusions

Word Writer ST is well worth the cost of the program. The program is generally very well written, and the only

obvious problem I see with it is the lack of a recovery feature.



The above graphic is a filler provided from Fleet Street Publisher's graphics library.

NOTE: FLEET STREET has been known to crash when "Tidy Linked Text" is evoked. This problem can be minimized by setting magnification to "Fit Window" before evoking the function, and by ensuring that the overflow buffer is empty. Also, save files often.

MICHIGAN ATARI COMPUTER ENTHUSIASTS

GENERAL MEETING 21 AUGUST 87

Mike Olin; MACE Rec. Sec'y

The meeting was called to order by President Tom Sturza at 7:30 pm in the small auditorium at the Southfield Civic Center. Tom announced that the 300/1200/2400 bps modems that had been acquired in the group-purchase were available to be picked up and that there was an extended warranty form for them to sign. Tom also noted that there were several copies of back issues of the Journal for sale at 4/\$1.

Tom introduced Mike Simpson of MAGIC, who discussed the upcoming Atari Show that will be held on August 28, 29, and 30 in the Southfield Hilton. Mike noted that the show will run according to the following itinerary:

Fri, 6pm-9pm Education
Sat, 10am-5pm MIDI, Games
Sun, 11am-4pm Productivity

MACE will be operating a booth at the show.

Tom and Chris Samuels, MACE Meeting Coordinator, led a discussion of word processing, databases and spread sheet applications software for the Atari 8-bit and ST machines. Tom then demonstrated the use of Syncalc, a very good spread sheet by Synapse for the 8-bit machines.

Chris demonstrated a graphics drawing program for the 8-bit machines that is similar in operation to the Koala system and noted that it was available in the library.

Chris also demonstrated a "sound sampler" program that allows the user to set the various sound registers and observe their effect on each "voice."

Don Neff, Disk Librarian, discussed several new disks that are now in the library.

The remainder of the evening was dedicated to Swap Night.

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CLASS ACTS

by Gordon Totty

By the time you read this, it may seem like old stuff owing to the problems with mail, reading time, meeting scheduling, writing time, the MACE Journal's printing buffer, etc. But, I write for free, and this is what you get for nothing!!

This piece is about the Australian Atari Gazette and Current Notes. The first is printed by the Melbourne Atari Computer Enthusiasts, and the latter by Current Notes, Inc. which appears to be a branch of the WAACE, Washington Area Atari Computer Enthusiasts. WAACE is a collection of various local Atari computer groups. Current Notes is the user group newsletter that has been getting the rave reviews in Antic.

Specifically, this article is based on the March and April issues of both newsletters, which is why I made the comment about "old stuff".

I'm impressed. I wish we had the money and the contributors and the distribution and the advertisers to run with these people.

Both issues of Current Notes (hereafter, "Notes") were 68 pages long. Advertisers are based in Virginia, Washington, and Maryland; you would expect that, but also Rhode Island, Vermont, California, and Texas. They run a full page ad from XLent Software, for which they charge \$500 for five issues, or \$125 for a single issue. I wonder what Antic collects for the same ad, which they also have run. Or was it A.N.A.L.O.G.? Whatever. About 23 separate advertisers per issue spells WOW.

The April issue of Notes has a two page listing of their ST library. They have well over 100 disks for sale for \$4.00 each plus \$1.00 for every six disks to cover postage. Looks like they sell to members and non-members.

Over a dozen reviews and other features by about two dozen contributors were in the April issue, with a similar amount in March. Lots to read!

Mark Brown does a regular feature called "Atari's Small Miracles", a two page spread of very short utilities and demos.

Like Family Computing, a sometimes read for me, Notes publishes game tips now and then. The April issue had a column titled "Tips 'N' Traps" by Jim Stevenson Jr., from which I quote:

MINER 2049

Q. Wasn't there a way to jump to higher levels? Does anybody remember how? I would appreciate the information.

-Manuel Fiadeiro

A. Try this. On the first station, move the man to a safe spot and then type in the phone number that was on the title screen. Then, whenever the "prepare for station" screen appears you can press shift-3 to jump to station 3, or shift-any number to jump to any station. You only have to type the phone number once.

-Bill Godfrey

I love those little quirks that programmers bury, and leave for somebody to find. How do you suppose these things get discovered? Maybe the author tells one person who tells two others, who each tell two others, etc. Well, now that I know everyone else must. I'm the original Last To Find Out ... here, home, at work, everywhere. I used to be bothered by this, but now I consider it a championship distinction, sort of almost an honor. So, if you know, don't tell me. I've got a reputation to protect.

The April review of Atari Planetarium by John W. Godbey has convinced me that I want to own this

educational program. (We had a good demo of this at a MACE meeting some number of months ago.)

March Notes included an article on computer buzzwords by Ron Peters. Ron explained everything from ASCII to WRITE PROTECT in three pages.

Finally, Notes published something in March that I would love to see us copy here -- a "Hot List". The Hot List is a list of about eighty names and phone numbers of volunteers willing to answer questions over the phone from 6-10 pm EST. My favorite example is in the printer section of the Hot List. I thought I was the only person in the world to buy a Mannesman Tally printer. Well, the Hot List has three names listed of people who will answer questions. Fortunately for them, my M-T and I are at peace at last. Well, almost. The world's worst printer instruction manual has still not helped me with certain questions on graphics. Say, does anyone out there know how I can get a B/Graph screen to print without white lines across the chart or graph? Seems like the line spacing is off by 1/72" or so, and I cannot get around it.

Other topics on the Hot List include: disk drives (five brands), eleven other printers, twelve languages, nine word processors, spread sheets, data bases, music programs, chips, ramboards, etc.

I'm getting green with envy, so let's get out of the Washington area and move on to Australia, for a change of mace, pardon me, pace. The Australian Atari Gazette (the "Gazette" for the rest of this article) reports the activities of the Melbourne Atari Computer Enthusiasts.

The Gazette runs 50 to 60 pages per issue. Their advertising rate is a lot cheaper at \$25 (Australian) for a full page. They have less contributors than Notes, and a lot of hard work goes into this publication. It really shows! There is a lot of variety in these pages: reviews, reprints, programs, cartoons,

illustrations, hardware instructions, optical illusions, editorials, reports, news, poetry, graphics screen dumps ... Holey Moley! (Billy Batson??)

In April they reprinted Ken White's comparative review of PaperClip and AtariWriter Plus from THE POKEY PRESS, The Palm Beaches, U.S.A. Unlike me, Ken is a serious writer having done books, plays, etc. Lots of writing. Like me, he started with AtariWriter, then moved up to AtariWriter Plus. Like me, he obviously enjoyed both word processors. Unlike me, Ken White moved on. His endorsement of making the change to Paperclip is glowing, and he has caught my attention.

Tehn Yit Chin did a very nice one pager on sorting, including a very well explained 21 line program.

To add to the international flavor, the Gazette for April included a reprint from Page 6 Magazine (England) of a menu program written by Ata Atun of Northern Cyprus. Atari gets around, eh?

I also came across three and a half pages on LOGO! Now, if only I can find my cartridge, I might at last put it to some use.

For my close, I must share with you some of the Australian humor. Under the heading "New Software Releases", the Gazette included the following:

"The following programs will soon be available from the new software importing company 'MOBEXIA'. Prices start from \$219.99 and will be unprotected.

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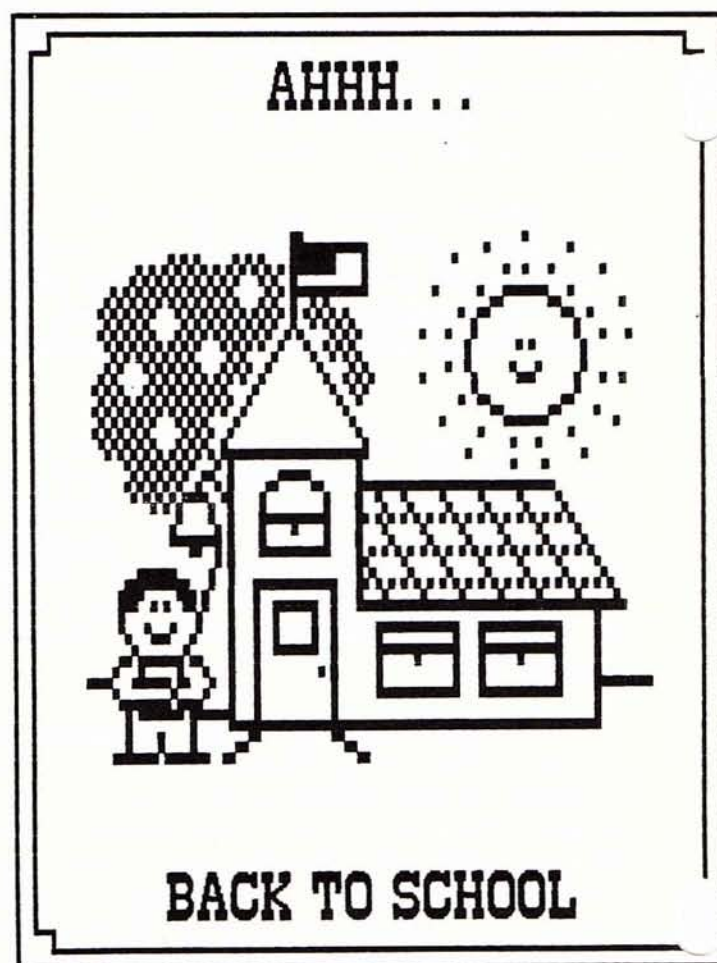
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Ridicule
Optional Body Functions

CRAFTS

Self-Actualisation Through Macrame
How to Draw Genitalia
Needlecraft for Junkies
Cuticle Craft
Gifts for the Senile
Bonsai Your Feet
Rearranging Your Mate"

As for the last entry, just you try
it!! I hope I succeeded in correcting
true misspellings while not disturbing
the Australian conventions. More
importantly, I hope you enjoyed the list.
Gosh, I hope all these titles are going
to be available for the 8-bit too!!!

COMMERCIAL MESSAGE: Contact Jim
Kennedy if you would like to join his
newsletter SIG to get a chance to read
and report on all this neat stuff from
all over the world! Creative writing is
not a necessity; all you need to do is
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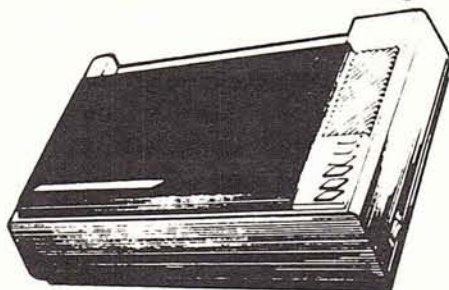
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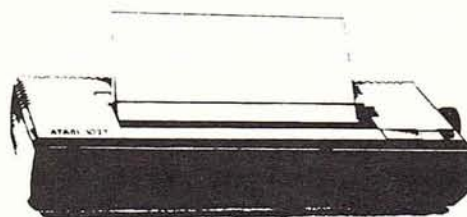
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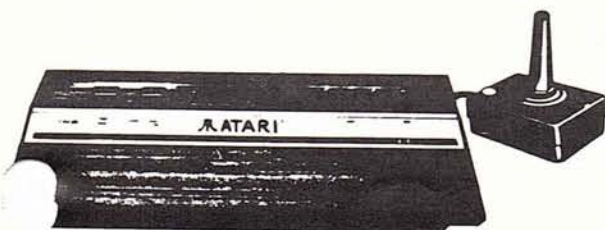
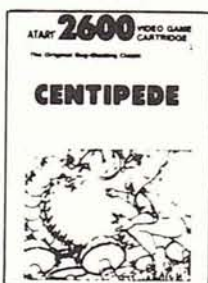
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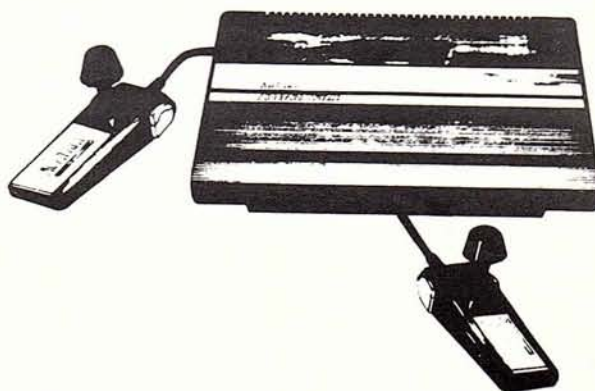


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TURBO BASIC COMPILER PROBLEM

By Jeff Colehour and Dick Hearsey, BRACE
Edited for M.A.C.E. by Doug Miller

The new Turbo BASIC system has been discussed in many publications and is truly an outstanding basic for the 8-bit Atari. It is not only much faster than Atari BASIC, but it also has a compiler that provides an additional increase in speed for most applications. A few limitations on the types of BASIC commands that can be used with the compiler have been presented, but we have found another limitation that might be of interest to any one who is considering using the Turbo BASIC Compiler. The problem has to do with arithmetic operations on singly or double subscripted variables. The short program shown below works correctly when using the Turbo BASIC interpreter only, but gives an error when run in the compiled mode. This is followed by a simple work around that does work in the compiled mode.

```
10 REM TURBO BASIC COMPILER
20 REM SUBSCRIPT PROBLEM DEMO
30 DIM MAT(3)
40 MAT(1)=1
50 MAT(2)=2
60 MAT(3)=MAT(1)*MAT(2)
70 ? MAT(3)
80 END
```

The result of running this in the compiled mode is ERROR 9 in LINE 0060: Array or String DIM Error. A fix for this is to change line 60 and add line 65 as shown below:

```
60 Z=MAT(1)*MAT(2)
65 MAT(3)=Z
```

The limitation is apparently that if arithmetic operations on subscripted variables were performed on one side of the operator "=", a subscripted variable cannot appear on the other side. The arithmetic operation is part of the problem because a statement such as

MAT(2)=MAT(1) does not cause an error. We have also encountered similar situations in which no error message was given, but incorrect results were obtained when running in the compiled mode. If subscripted variables are being used it would be advisable to carefully compare results obtained from the compiled and interpreted modes. This is not a serious limitation, since the work around is fairly easy, but it could require code modifications to permit use of the Turbo BASIC compiler.

PROPOSED AMENDMENTS TO THE M.A.C.E. CONSTITUTION

The following is notification that a vote on proposed amendments to the M.A.C.E. User Group constitution will be discussed and held at the September 15, 1987 General Meeting, prior to the yearly election of M.A.C.E. officers.

Proposed Amendment #1: That all references to "DISK LIBRARIAN" found in the current version of the M.A.C.E. Constitution be changed to read "8-BIT DISK LIBRARIAN". And the duties for this officer be changed to read "... maintaining the 8-bit Public Domain disk library ...".

Proposed Amendment #2: That a new officer position of "16-BIT DISK LIBRARIAN" be established and added to all necessary sections of the current version of the M.A.C.E. Constitution. The description of duties for this officer would be "The 16-bit Disk Librarian shall be responsible for maintaining the 16-bit (ST) Public Domain disk library and related documentation, as well as, copying and distributing library disks. He/she shall sell these disks to M.A.C.E. members ONLY."

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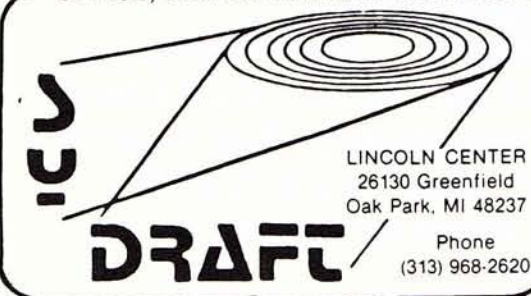
For more information call 1-800-638-9636 or pick up an information brochure at your next users group meeting. (most clubs should have received them by now).

Reprinted from PSAN Newsletter, April 1987

Submitted for MADE Journal publication by Doug Miller

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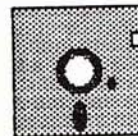


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If a "Guest Member" decides to join MACE, we will deduct \$2.00 from the \$20.00 membership fee, upon being shown a MACE Journal with "GUEST MEMBER" stamped on it. Also, any member of another computer User Group (not just ATARIs), will be admitted to our monthly General Meeting at no charge. If these guests wish a copy of our Journal, they will have to pay the cover price.

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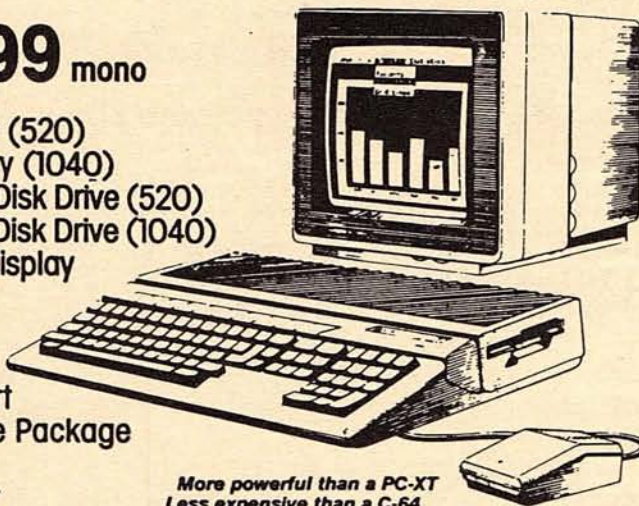
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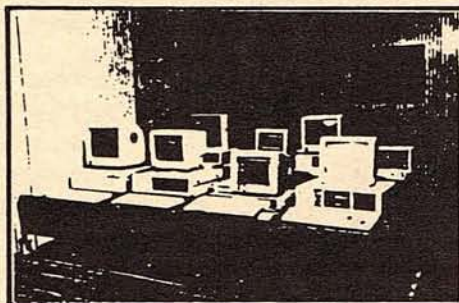
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